



SOTERATM

SYSTEMS

SERIES 800 DIGITAL METERS



The 800 Series Digital Meter is a nutating disc, positive displacement meter that's able to store and display the current flow amount (total) or the cumulative flow amount (totalizer) in any of six user-specified units.

- Rugged corrosion-resistant body for the most demanding applications
- Quick one-step calibration
- Easy to install and use in line or at the end of hose
- Consistent accuracy up to $\pm 2\%$
- Battery powered (2 AA batteries)

Applications

- Pesticides
- Fertilizers
- Water
- Crop oil
- Mild acids
- Diesel Exhaust Fluid
- Diesel fuel
- Mineral spirits
- Ethylene glycol
- Motor oil
- Gear oil
- Soaps/detergent
- Many others

Chemically resistant materials to meet the most versatile applications—one meter for many uses.

Materials

| Body | Chamber | Seal Option | Display | Power Source | Calibration | Dimensions |
|----------------------------|-------------|-----------------------------------|---------|------------------|--|-------------------|
| Glass-filled polypropylene | Ryton/302SS | Fluorocarbons (Std)/EPDM optional | LCD | (2) AA batteries | Ounces, pints, quarts, liters, gallons, user-specified units | 5.5" x 3.25" x 5" |



SERIES 825 [STANDARD MODEL]

Versatile meter for use in line, at the end of the hose, or mounted to one of our Rotary Vane or 400B Series Diaphragm Pumps.

| Meter | Flow Rate | Max Pressure | Temperature Range | Flow Ports | Elastomers | Accuracy | Totalizer Range | Weight |
|--------------|--------------|--------------|-------------------|------------|--------------|--|---|--------|
| 825 | 2-20 gpm | 125 psi | -10°F to 130°F | 1" FNPT | Fluorocarbon | +/-0.5% using calibration factor; +/-0.2% using liquid calibration | 9,999 current total, 10,000,000 accumulated total | 3 lbs. |
| | 7.6-75.7 lpm | 8.3 bar | 12°C to 54°C | | | | | |
| 825X700 | 2-20 gpm | 125 psi | -10°F to 130°F | 1" FNPT | EPDM | +/-0.5% using calibration factor; +/-0.2% using liquid calibration | 9,999 current total, 10,000,000 accumulated total | 3 lbs. |
| | 7.6-75.7 lpm | 8.3 bar | 12°C to 54°C | | | | | |
| 825D075BSPPS | 2-20 gpm | 125 psi | -10°F to 130°F | 3/4" BSPP | EPDM | +/-0.5% using calibration factor; +/-0.2% using liquid calibration | 9,999 current total, 10,000,000 accumulated total | 3 lbs. |
| | 7.6-75.7 lpm | 8.3 bar | 12°C to 54°C | | | | | |

SERIES 850 [MASS AIR SENSOR MODEL]

The 850 also includes a mass air sensor that distinguishes between fluid and air. That means the 850 stops metering when you've finished emptying a container, adding an extra degree of accuracy.



| Meter | Flow Rate | Max Pressure | Temperature Range | Flow Ports | Accuracy | Totalizer Range | Weight |
|-------|-----------|--------------|-------------------|---|--|---|--------|
| 850 | 2-20 gpm | 120 psi | -10°F to 130°F | 1" NPT inlet/outlet ports, female threads | +/-0.5% using calibration factor; +/-0.2% using liquid calibration | 9,999 current total, 10,000,000 accumulated total | 3 lbs. |



SOTERA[™]
SYSTEMS



Tuthill Transfer Systems
8825 Aviation Drive | Fort Wayne, Indiana 46809
P (800) 634-2695 F (800) 866-4861